

State Water Resources Control Board (SWRCB)**Letter No. 020****Subject:** "CATPH-D", Analysis of Diesel/Extractable Range Organics**Date:** April 26, 2002**Overview**

Within the LUST Cleanup program, many soil and water samples are analyzed for diesel and other extractable range organics in accordance with guidance found in the *Leaking Underground Fuel Tank (LUFT) Field Manual, October 1989* and the [October 1999 Guidance for Petroleum Hydrocarbon Analysis](#) provided by the Petroleum Hydrocarbon Method Committee.

As required by AB2886, electronic EDF data for these analyses are reported to the SWRCB GeoTracker system. For data comparability purposes the SWRCB recommends the following minimal analyte list, spiking compounds, surrogate compounds and reporting limits for this method.

Special Conditions

This applies to all sample matrices.

Areas of Impact

Fields: *ANMCODE, PARLABEL*

Code: *ANMCODE* = "CATPH-D" (CA LUFT Method for Diesel Range Organics)
PARLABEL = "TPHC10C28"

Policy:**a) Quality Control Requirements**

Preparation/analytical batch should include:

- one laboratory method blank
- one matrix spike
- one matrix spike duplicate or one matrix duplicate if target compounds are present
- one blank spike

Control limits for the blank spike/blank spike duplicates are 70% - 130% per SW-846.

b) Analytes

"CATPH-D" Analytes and Detection Limits

PARLABEL	Description	Surr.	Water (mg/L)		Soil (mg/kg)	
			MDL	MRL	MDL	MRL
TPHC10C28	TPH Extractable Range Organics (C10-C28)		0.5		10.0	
PHENO	o-Terpheny ¹	✓				

MDL – Method Detection Limit (from *Leaking Underground Fuel Tank (LUFT) Field Manual, October 1989*)

MRL – Method Reporting Limit

¹ Commonly used surrogate